

AlGaAs and AlAs. Often, both the top and bottom mirror stacks include a significant number of DBR mirror periods to achieve the desired reflectance. One way to reduce the number of DBR mirror periods that are required is to replace some of the DBR mirror periods with a resonant reflector. Such a configuration is disclosed in U.S. Patent No. 6,055,762 Application Serial No. 08/872,534, entitled "Resonant Reflector For Improved Optoelectronic Device Performance And Enhanced Applicability", which is incorporated herein by reference. A typical resonant reflector may include, among other things, a waveguide and a grating.

*AMENDMENT
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In the Claims

Please cancel claims 32-44, without prejudice, as being drawing to a non-elected invention.

Remarks

In paragraph 1 of the Office Action, the Examiner indicated that claims 32-44 have been withdrawn from further consideration as being drawn to a non-elected invention. Applicants have canceled claims 32-44, without prejudice.

In paragraph 2 of the Office Action, the Examiner objected to the disclosure because a serial number is missing on page 3, line 10. Applicants have amended the specification to include the missing serial number.

In paragraph 3 of the Office Action, the Examiner indicated that the information disclosure statements filed on 5/29/01 and 6/18/01 fail to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP 609 because no month was provided for some references. The Examiner states that it has been placed in the application file, but the information referred to therein has not been considered as to the merits. The Examiner advises the